



Janice K. Brewer
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

1110 West Washington Street • Phoenix, Arizona 85007
(602) 771-2300 • www.azdeq.gov



Patrick J. Cunningham
Acting Director

NOTICE OF THE PRELIMINARY DECISION TO ISSUE AN INDIVIDUAL AQUIFER PROTECTION PERMIT

Public Notice No.: 24-09

**Published on Monday, February 23, 2009
in the Kingman Daily Miner**

Pursuant to Arizona Administrative Code, Title 18, Chapter 9, Article 1, the Director of the Arizona Department of Environmental Quality intends to issue an Individual Aquifer Protection Permit to the following applicant(s):

Facility Name: Shadow Ridge Wastewater Treatment Plant

Aquifer Protection Permit No. P-105348

Permittee: Dan Jones, President
Millennia Investment Corporation
6795 S 300 W
Midvale, Utah 84047

Shadow Ridge Wastewater Treatment Plant is located at 475 East Red Hawk Road, in Scenic, in Mohave County, Arizona over groundwater of the Virgin River Basin at 36° 56' 54" North Latitude and 114° 02' 36" West Longitude, in Township 39 North, Range 16 West, Section 17, of the Gila and Salt River Base Line and Meridian.

Millennia Investment Corporation is authorized to operate the Shadow Ridge Wastewater Treatment Plant (WWTP) with capacity of 0.015 million gallons per day (mgd). The WWTP will be serving Shadow Ridge Subdivision with 71 lots. The wastewater from septic tanks located at each lot of Shadow Ridge Subdivision flows to a collection system and then this primary treated wastewater enters the WWTP. The septic tanks and sewer collection system are part of the WWTP component and do not require any additional permit to construct and operate. The WWTP treatment process consists of an AdvanTex Textile filter system manufactured by Orenco Systems, Inc. The WWTP includes an influent pump station, a 25,000 gallons recirculation tank, nine AdvanTex textile filter units (AX-100) for aeration and nitrification, an upflow filter for de-nitrification, an upflow filter recirculation tank, a textile filter unit for re-aeration, and a UV disinfection unit. The settled solids shall be hauled off-site for disposal in accordance with state and federal regulations. The effluent will be discharged through subsurface drip disposal system. The depth to groundwater is approximately 260 feet below ground surface and the direction of groundwater flow is to the northwest. The effluent may also be used for beneficial purposes under a valid reclaimed water permit. The WWTP is classified as producing Class B+ reclaimed water pursuant to A.A.C. R18-11, Article 3. The WWTP is designed and constructed according to plans approved by the ADEQ APP and Reuse Unit.

Northern Regional Office
1801 W. Route 66 • Suite 117 • Flagstaff, AZ 86001
(928) 779-0313

Southern Regional Office
400 West Congress Street • Suite 433 • Tucson, AZ 85701
(520) 628-6733

Printed on recycled paper

During the initial start-up period, up to 3,000 gallons per day (gpd), monthly average flow may be hauled off-site to an approved facility.

With 24 hour notice, a draft permit with its related documentation is available for public review, Monday through Friday, 8:30 a.m. to 4:30 p.m., at ADEQ, 1110 W. Washington Street, Records Management Center, Phoenix, Arizona.

Persons may submit comments or request a public hearing on the proposed action, in writing, to Shivani Shah, Arizona Department of Environmental Quality, 1110 W. Washington Street, Phoenix, Arizona 85007, within thirty (30) days from the date of this notice. A public hearing request must include the reason for such request.